



Quality Improvement Initiatives General QI Resources



Link	Description
2015 National Healthcare Quality and Disparities Report and 5th Anniversary Update on the National Quality Strategy	<p>A report from the U.S. Department of Health and Human Services which describes the nation’s progress in improving healthcare access, quality, and disparities.</p> <p><i>2015 National Healthcare Quality and Disparities Report and 5th Anniversary Update on the National Quality Strategy</i>. Rockville, MD: Agency for Healthcare Research and Quality; April 2016. AHRQ Pub. No. 16-0015.</p>
A3 Project Planning Lean Template	<p>The Lean Six Sigma methodology is focused on reducing waste and on using the A3 methodology. This template is a traditional planning form for Lean projects.</p>
API PDSA Cycle Template	<p>Plan-Do-Study-Act (PDSA) tool used to plan and document progress.</p>
Developing and Implementing a QI Plan	<p>The U.S. Department of Health and Human Services Health Resources and Services Administration (HRSA) highlights the importance of an effective QI Plan in improving performance of an organization’s healthcare systems.</p>
How to Lead Collective Impact Working Groups	<p>A comprehensive toolkit which provides detailed tools, templates, and tips to help build and lead a successful working group.</p>
Leading Large Scale Change: A Practical Guide	<p>A guide to leading large scale change through complex health and social care environments.</p>
Learn About Quality: Quality Topics A to Z	<p>Explore the concepts, tools, applications, and technical terms that make up the world of quality.</p>
PDSA Cycle (long form)	<p>Adapted from Associates in Process Improvement, <i>The Improvement Guide</i> (2009, Jossey-Bass), 448-451.</p>
PDSA Cycle (short form)	<p>Adapted from Associates in Process Improvement, <i>The Improvement Guide</i> (2009, Jossey-Bass), 447.</p>
Preventive Care Measures Tactics for Success	<p>This document from Comagine (formerly HealthInsight) identifies common process changes that can be implemented to improve preventive care measures.</p>
QI Tips: Developing a Successful Measurement Strategy	<p>The National Institute for Children’s Health Quality provides strategies for measuring success to determine if the changes made are leading to improvement.</p>
Quality Improvement Essentials Toolkit	<p>Institute for Healthcare Improvement’s (IHI) QI Essentials Toolkit includes the tools and templates you need to launch a successful quality improvement project and manage performance improvement.</p>
Run Chart Maker	<p>Run Chart template in Excel which allows you to input your own data.</p> <p>Credit: Population Health Improvement Partners (https://improvepartners.org)</p>

Run Chart PowerPoint Presentation	The Center for Advancing Pediatric Excellence at Levine Children’s Hospital (Carolinas HealthCare System) outlines methods and rules for measuring data with the use of run charts.
Run Chart Tool	A PDF document and Excel spreadsheet from the Institute for Healthcare Improvement which contains instructions and a template to create run charts.
SQUIRE	The Standards for Quality Improvement Reporting Excellence (SQUIRE) guidelines provide an explicit framework for sharing the knowledge acquired by examining improvement interventions.
Successful Measurement for Improvement	Guidelines and strategies from IHI for developing a measurement strategy to successfully measure improvement work.
Systematic Review of the Application of the Plan-Do-Study-Act Method to Improve Quality in Healthcare	This paper proposes a theoretical framework for assessing the quality of application of PDSA cycles and explores the consistency with which the method has been applied in peer-reviewed literature against this framework. Taylor MJ, McNicholas C, Nicolay C, et al. <i>BMJ Quality & Safety</i> . Published Online First: 11 September 2013. doi: 10.1136/bmjqs-2013-001862
The Run Chart: A Simple Analytical Tool for Learning from Variation in Healthcare Processes	This article describes the run chart – an analytical tool commonly used in quality improvement. Perla Roco J, Provost Lloyd P, Murray Sandy K. <i>BMJ Quality & Safety</i> . Published First: 12 January 2011. doi: 10.1136/bmjqs.2009.037895
Value of Small Sample Sizes in Rapid-Cycle Quality Improvement Projects	This review demonstrates the important contributions that small samples can make to improvement projects, including local audits, PDSA cycles and during broader implementation and evaluation. Etchells E, Ho M, Shojania KG. Value of small sample sizes in rapid-cycle quality improvement projects. <i>BMJ Quality & Safety</i> 2016;25:202-206.
WIHI: Seven Popular Improvement Tools: How (and when) to Use Them	A podcast from the Institute for Healthcare Improvement in which leading experts discuss popular improvement tools such as pareto charts, process maps, driver diagrams, etc.